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TEST REPORT

REPORT NO : 2018CB1114

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Applicant : MAXIM MATERIALITY SDN. BHD.
No. 15, Jalan SBC 7, Taman Sri Batu Caves,
68100 Batu Caves, Selangor Darul Ehsan.

Manufacturer :

Product : High Security Anti-climb Welded Fence (Hot Dipped Galvanised Finishing)

Reference Standard / Method of Test : BS EN 10223-7 : 2012 Steel wire and wire products for fencing and netting. Steel wire welded panels for fencing
Clause 7.1 – Tensile strength
Clause 7.3 – Mesh dimensions and tolerance
Clause 7.4.1 – Zinc and zinc alloy coatings

Description of sample / Description of Test Specimen : Two (2) samples of High Security Anti-climb Welded Fence (Hot Dipped Galvanised Finishing) were received for testing.
Brand : Envigal
Size : Spacing 75 mm (vertical) x 12.5 mm (horizontal) or equivalent to 4 mm (dia.)

Date Received of Complete Application : 23 March 2018

Job No. : J20181430402

Description of Test Results / Overall Test Result : This test report covers only test clauses as requested by Applicant to SIRIM QAS International Sdn. Bhd. The test results for the submitted test samples as described in this test report complied with the requirements of the above reference standard at the respective clauses tested.

Issued Date : 30 July 2018

Approved Signatories;

(MOHAMAD RAZIQI BIN SHA'ABAN)
Testing Executive



(RAJAHANOR SIHA BINTI RAJA ABDUL HANAN)
Head

Civil & Construction Section
Testing Services Department

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STANDARD REFERENCE : BS EN 10223-7 : 2012

SAMPLE REFERENCE : HIGH SECURITY ANTI-CLIMB WELDED FENCE (HOT DIPPED GALVANISED FINISHING)

CLAUSE	REQUIREMENT	RESULTS	REMARKS
7.1 TENSILE STRENGTH			
Diameter (mm)	-	4.01	-
Maximum load (kN)	-	9.50	-
Tensile strength (MPa)	350 to 950	752	Pass
7.3 MESH DIMENSIONS AND TOLERANCE			
Longitudinal (mm)	12.5 ± 3.0	12.64	Pass
Transverse (mm)	75 ± 3.0	75.13	Pass
7.4.1 ZINC AND ZINC ALLOY COATINGS			
Class A (g/m ²)	275 min.	718	Pass

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